

**BPAT Northwest Market Hub (NWH) Business Practices**  
**Effective: 12/12/00 (for Prescheduling on 12/13/00)**  
**Posted: 12/1/00**

**Background:**

BPA's Transmission Business Line (BPAT) has concluded its Northwest Market Hub (NWH) experiment in the Mid-Columbia area and is now establishing a Short-Term and Long-Term NWH. The NWH consists of BPA Substations located in the area surrounding the five Non-Federal hydro projects. BPAT will be the intermediary Control Area at the NWH and will accept schedules to and from the NWH. Comments on the revised business practices were due by close of business November 22, 2000. Questions, comments, and responses will be posted on the **"Request for Comments"** page on BPAT's OASIS.

**Concepts of the Northwest Market Hub:**

1. The Hub is named the Northwest Market Hub (NWH).
2. The NWH will include the following BPAT facilities in the Mid-C area (Doughnut configuration): Vantage Substation, Midway Substation, Sickler Substation, Columbia Substation, and Valhalla Substation.
3. The NWH will operate as a composite point. BPAT will be the intermediary Control Area at the NWH for all NWH transactions.
4. BPAT will not track an ATC at the NWH. Transmission constraints on the paths to and from the NWH will determine whether or not a NWH reservation, tag, or schedule can be implemented.
5. Long-Term Firm and Short-Term Firm transmission to and from the NWH are available in addition to hourly non-firm.

**Reservation, Tagging, and Scheduling Procedures:**

1. The NWH is a composite intermediary point, therefore, customers will be required to make reservations that name the NWH as a "composite in" point and/or as a "composite out" point. (the term "composite" means collectively the five 5 NWH substations that comprise the doughnut configuration).
2. Customers may request the NWH composite point in Long-Term or Short-Term reservation requests.
3. Customers that already have any one of the 5 NWH substations named in their LT Agreements will NOT be allowed to use the named substation as a substitute for NWH transactions.
4. Customers shall identify the "NWH" for reservation requests and scheduling purposes. **For OASIS reservations**, the NWH must be selected as the source or sink. For example:

For a reservation going into the NWH:

<u>Source</u>	<u>Sink</u>	<u>POR</u>	<u>POD</u>
SCL	NWH	SCL	NWH

For a reservation going out of the NWH:

<u>Source</u>	<u>Sink</u>	<u>POR</u>	<u>POD</u>
NWH	SCL	NWH	SCL

5. At preschedule time and on real-time: 1) E-Tags are required for NWH transactions; 2) All **delivering** parties scheduling to the NWH must either be control area entities or be customers within the BPA control area ; and 3) All **receiving** parties scheduling from the NWH must either be control area entities or be customers within the BPA control area. All NWH transactions must be E-Tagged from the original source to the final sink. This will help the check out process.
6. A valid Contract number, designating the correct Transmission Contract Holder (TCH) for the path, will be required to and from the NWH.
7. Energy must be scheduled to the NWH to allow it to be bought or sold at the NWH.
8. All scheduled deliveries **to** the NWH will be assessed a Network Transmission charge, billable to the designated TCH for the path.
9. All scheduled deliveries **from** the NWH will be assessed a Network Transmission charge, billable to the designated TCH for the path.
10. All scheduled deliveries to the NWH **from** Mid-C Participants will be charged a Network charge billable to the TCH.
11. Scheduled deliveries to the NWH would be from the source Control Area to the NWH.
12. Scheduled deliveries to the NWH from Remote Resources must be submitted with the remote resource participant acting as the Control Area responsible for the transaction. This includes remote generation from the Mid-Columbia Non-Federal Participants.
13. Scheduled deliveries from the NWH would be from the NWH to the sink Control Area (remote resources are not sinks including the JOU's at the Mid-C).
14. All schedules into and out of the NWH must net to zero on all hours. No after the fact schedules are allowed at the NWH.
15. NWH market players will be responsible for maintaining accurate scheduling/marketing records so energy can be tracked. Failure to resolve hourly discrepancies will force termination of all NWH schedules for that hour for each customer not in check.
16. NWH scheduling provisions will be handled in the same way that COB Hub schedules are done. This is to help with schedule tracking.

17. All arrangements for the transmission should be consistent with BPA's Scheduling procedures, deadlines, check out responsibilities, BPA Open Access Transmission Tariff terms and conditions, and other applicable transmission contracts.

18. No control area fees or additional scheduling fees or charges will be charged in the NWH.

### NWH E-Tag Examples:

#1) Network plus Intertie with NWH Source: PGE - system resources; Sink: SMUD

CA	PSE	TP	PRODUCT	PATH	CONTRACT	INFO	REF
PGE	PGEMPG					Generator	
BPAT	PGEMPG	BPAT	2-NH	BPAT.PGE/NWH	XXXXXX	NWH ICA	
	PSEI		2-NH				
BPAT	PAC01	BPAT	2-NH	NWH/JOHN DAY	YYYYYY	NWH ICA	
BPAT	AEPWWE	BPAT	2-NH	JOHN DAY/CPT. JACK	ZZZZZ		
CAISO	SMUD01	SMD01	2-NH	CPT. JACK/TRACY	55555	COTP	
CAISO	SMUD01	SMD01		TRACY/Load	66666		
CAISO	SMUD01					Load	

#2) Network – with NWH: Source: BCHA - system resources; Sink: SCL

CA	PSE	TP	PRODUCT	PATH	CONTRACT	INFO	REF
BCHA	BCPS01					Generator	
BCHA	PWX	BCHA	2-NH	BCHA sys/BCUS Border	11111111		
BPAT	PWX	BPAT	2 NH	BCUS Border/NWH	XXXXXXX	NWH ICA	
	PWX						
BPAT	SCLM		2-NH	NWH/BPAT.SCL		NWH ICA	
BPAT	SCLM	BPAT	2-NH	BPAT.SCL/SCL sys	YYYYYYY		
SCL						Load	

#3) Mid-C Generation (Participant\*M), Source: PSE – at Mid-C; Sink: EWEB  
Mid-C Participant selling JOU generation into the NWH; BPAT as intermediary control area at NWH.

CA	PSE	TP	PRODUCT	PATH	CONTRACT	INFO	REF
PS*M	PSE01					Generator	
	PGET01						
	DETMWE						
BPAT	DETMWE	BPAT	2-NH	PS*M/NWH	XXXXXXX	NWH ICA	
	GHPD01						
BPAT	BCPD01	BPAT	2-NH	NWH/BPA.EWEB	YYYYYYY	NWH ICA	
BPAT	EWEB01					Load	

NWH BP (11/30/00)